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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: SUBSTITUTED PYRROLO-PYRAZOLE DERIVATIVES AS KINASE INHIBITORS

(57) Abstract: Compounds represented by formula (Ia) or (Ib) and wherein R and R₁ are as defined in the description, and pharmaceutically acceptable salts thereof, are disclosed; the said compounds are useful in the treatment of cell cycle proliferative disorders, e.g. cancer, associated with an altered cell cycle dependent kinase activity.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/50942

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D487/04 A61K31/4162 A61P17/00 A61P25/28 A61P35/00
//(C07D487/04, 231:00, 209:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/12242 A (PITTALA VALERIA ; VARASI MARIO (IT); FANCELLI DANIELE (IT); PHARMACIA) 14 February 2002 (2002-02-14) cited in the application page 2, line 1 - line 2 page 5, formula (I) examples	1-33
A	WO 02/070515 A (TRAQUANDI GABRIELLA ; VULPETTI ANNA (IT); ORSINI PAOLO (IT); PEVARELLO) 12 September 2002 (2002-09-12) paragraph '0001! page 2, line 9 - line 10 page 4, formula (I) page 2, line 24 - page 3, line 27	1-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

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INTERNATIONAL SEARCH REPORT

International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 1-10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/EP 03/50942

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0212242	A	14-02-2002	AU BR CA CN CZ WO EP HU JP NO SK US	8765401 A 0113176 A 2416527 A1 1447810 T 20030591 A3 0212242 A2 1320531 A2 0300741 A2 2004505977 T 20030381 A 1882003 A3 2003171357 A1		18-02-2002 17-06-2003 14-02-2002 08-10-2003 18-06-2003 14-02-2002 25-06-2003 28-11-2003 26-02-2004 24-02-2003 03-06-2003 11-09-2003
WO 02070515	A	12-09-2002	CA WO EP	2434066 A1 02070515 A2 1379524 A2		12-09-2002 12-09-2002 14-01-2004